

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
 Data File : BG028140.D
 Acq On : 3 Aug 2017 14:10
 Operator : SJ/JU
 Sample : I4529-14
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.853	41	45	51	rVB4	15388	24619	1.44%	0.135%
2	7.090	591	596	602	rVB7	4128	8946	0.52%	0.049%
3	7.513	661	668	678	rBV	69020	131068	7.67%	0.718%
4	7.678	685	696	706	rBV	156173	272137	15.92%	1.491%
5	7.895	721	733	741	rBV	177043	322265	18.86%	1.765%
6	8.007	748	752	759	rVB5	4263	7044	0.41%	0.039%
7	8.089	759	766	775	rVB6	5176	10556	0.62%	0.058%
8	8.365	801	813	826	rBV	161942	291331	17.05%	1.596%
9	8.636	855	859	872	rVB10	6024	18143	1.06%	0.099%
10	8.747	872	878	884	rBV8	4957	11085	0.65%	0.061%
11	9.006	917	922	924	rBV5	6687	12206	0.71%	0.067%
12	9.059	925	931	940	rVB	180103	336170	19.67%	1.841%
13	9.329	966	977	980	rBV6	3228	8114	0.47%	0.044%
14	9.470	994	1001	1004	rBV7	7659	17363	1.02%	0.095%
15	9.535	1004	1012	1020	rVB	226566	429402	25.13%	2.352%
16	9.723	1041	1044	1049	rVB4	6456	9746	0.57%	0.053%
17	9.793	1049	1056	1059	rBV6	11524	21095	1.23%	0.116%
18	9.846	1059	1065	1071	rVV6	7945	17503	1.02%	0.096%
19	9.911	1071	1076	1086	rVB4	18049	32707	1.91%	0.179%
20	10.128	1109	1113	1119	rVB5	4903	10267	0.60%	0.056%
21	10.257	1124	1135	1143	rBV2	212898	402667	23.56%	2.205%
22	10.339	1143	1149	1157	rVV2	13106	39162	2.29%	0.214%
23	10.445	1162	1167	1172	rVB6	5705	10859	0.64%	0.059%
24	10.574	1184	1189	1195	rVV7	4927	12610	0.74%	0.069%
25	10.645	1195	1201	1214	rVB4	16893	42483	2.49%	0.233%
26	10.798	1218	1227	1236	rBV	294845	579564	33.91%	3.174%
27	10.986	1252	1259	1264	rBV6	7997	16848	0.99%	0.092%
28	11.186	1284	1293	1308	rVB	263165	511169	29.91%	2.800%
29	11.321	1308	1316	1325	rBV4	20084	41240	2.41%	0.226%
30	11.415	1329	1332	1339	rBV7	8085	18998	1.11%	0.104%
31	11.544	1346	1354	1357	rBV9	9886	23892	1.40%	0.131%
32	11.585	1357	1361	1369	rVB4	14472	31524	1.84%	0.173%
33	11.703	1377	1381	1386	rVV3	11065	19526	1.14%	0.107%
34	11.761	1386	1391	1397	rVB4	12180	22684	1.33%	0.124%

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35	11.990	1425	1430	1434	rBV4	10946	18648	1.09%	0.102%
36	12.184	1457	1463	1466	rBV6	5356	9343	0.55%	0.051%
37	12.231	1466	1471	1475	rVV7	15114	29487	1.73%	0.162%
38	12.267	1475	1477	1487	rVV7	9321	18712	1.09%	0.102%
39	12.355	1487	1492	1501	rVB8	9647	18673	1.09%	0.102%
40	12.549	1520	1525	1531	rVB4	14956	29191	1.71%	0.160%
41	12.684	1540	1548	1549	rBV7	5310	11666	0.68%	0.064%
42	12.848	1566	1576	1585	rBV9	18255	57988	3.39%	0.318%
43	13.030	1603	1607	1616	rVB9	11277	31982	1.87%	0.175%
44	13.124	1616	1623	1625	rBV5	7618	14889	0.87%	0.082%
45	13.160	1625	1629	1632	rBV6	4924	7345	0.43%	0.040%
46	13.230	1638	1641	1647	rVB8	16457	25719	1.50%	0.141%
47	13.324	1651	1657	1660	rVV6	11273	22049	1.29%	0.121%
48	13.377	1660	1666	1673	rVV5	18894	46841	2.74%	0.257%
49	13.436	1673	1676	1687	rVB5	9577	25186	1.47%	0.138%
50	13.565	1693	1698	1707	rBV9	9065	22452	1.31%	0.123%
51	13.647	1707	1712	1715	rBV6	7140	13548	0.79%	0.074%
52	13.835	1740	1744	1750	rBV9	7886	17612	1.03%	0.096%
53	13.941	1756	1762	1768	rVB5	20233	33662	1.97%	0.184%
54	14.041	1776	1779	1784	rBV6	7552	9971	0.58%	0.055%
55	14.100	1784	1789	1793	rBV5	22917	39660	2.32%	0.217%
56	14.141	1793	1796	1802	rVV6	14281	26052	1.52%	0.143%
57	14.194	1802	1805	1809	rVV6	6137	9769	0.57%	0.054%
58	14.235	1809	1812	1817	rVB7	6853	9682	0.57%	0.053%
59	14.300	1817	1823	1826	rBV8	10654	20929	1.22%	0.115%
60	14.364	1826	1834	1843	rVB	646643	1010317	59.12%	5.534%
61	14.452	1843	1849	1858	rBV8	21040	40883	2.39%	0.224%
62	14.546	1858	1865	1870	rBV9	11898	29939	1.75%	0.164%
63	14.670	1879	1886	1896	rVB	639834	1067888	62.48%	5.849%
64	14.781	1900	1905	1909	rBV8	6704	10294	0.60%	0.056%
65	14.822	1909	1912	1916	rBV6	8089	10626	0.62%	0.058%
66	14.969	1931	1937	1945	rBV2	455779	821751	48.08%	4.501%
67	15.034	1945	1948	1951	rVV4	10660	12600	0.74%	0.069%
68	15.163	1959	1970	1983	rVB4	72628	181775	10.64%	0.996%
69	15.433	2014	2016	2023	rVB8	9218	8773	0.51%	0.048%
70	15.498	2023	2027	2032	rBV7	7465	14057	0.82%	0.077%
71	15.686	2053	2059	2065	rBV	80226	116170	6.80%	0.636%

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72	15.739	2065	2068	2073	rVB7	8099	13105	0.77%	0.072%
73	15.839	2081	2085	2088	rBV5	9255	17677	1.03%	0.097%
74	15.962	2098	2106	2113	rBV	890353	1393685	81.55%	7.633%
75	16.074	2117	2125	2131	rBV	358671	568982	33.29%	3.116%
76	16.203	2144	2147	2155	rVB9	17820	25963	1.52%	0.142%
77	16.321	2165	2167	2174	rVB8	13378	18194	1.06%	0.100%
78	16.397	2174	2180	2184	rBV8	11736	22551	1.32%	0.124%
79	16.538	2201	2204	2207	rBV5	6121	10599	0.62%	0.058%
80	16.632	2216	2220	2227	rVB10	13171	26330	1.54%	0.144%
81	16.902	2260	2266	2269	rBV8	5990	15172	0.89%	0.083%
82	17.008	2279	2284	2288	rVB7	13456	19520	1.14%	0.107%
83	17.114	2299	2302	2307	rVB7	7148	10896	0.64%	0.060%
84	17.184	2311	2314	2318	rVV5	5231	8753	0.51%	0.048%
85	17.443	2353	2358	2363	rVB9	9263	15864	0.93%	0.087%
86	17.496	2364	2367	2371	rVB6	6368	9631	0.56%	0.053%
87	17.613	2384	2387	2391	rBV5	8367	9112	0.53%	0.050%
88	17.725	2399	2406	2415	rBV	608867	977001	57.17%	5.351%
89	17.819	2415	2422	2431	rVV	975811	1552603	90.85%	8.504%
90	17.895	2432	2435	2441	rVB8	14752	30217	1.77%	0.166%
91	18.465	2529	2532	2537	rVB7	9435	11563	0.68%	0.063%
92	19.734	2743	2748	2754	rVB3	15561	33228	1.94%	0.182%
93	19.981	2787	2790	2797	rVB7	14457	23331	1.37%	0.128%
94	20.099	2803	2810	2818	rVB	1109345	1709051	100.00%	9.361%
95	22.055	3136	3143	3153	rBV	582879	1059804	62.01%	5.805%
96	24.482	3553	3556	3568	rVB7	25890	60733	3.55%	0.333%
97	25.334	3689	3701	3716	rVB2	515532	1649177	96.50%	9.033%
98	25.569	3728	3741	3753	rVB	317909	1050583	61.47%	5.754%
99	26.756	3939	3943	3954	rVB4	39240	106214	6.21%	0.582%
100	28.236	4190	4195	4211	rVB3	38605	147089	8.61%	0.806%

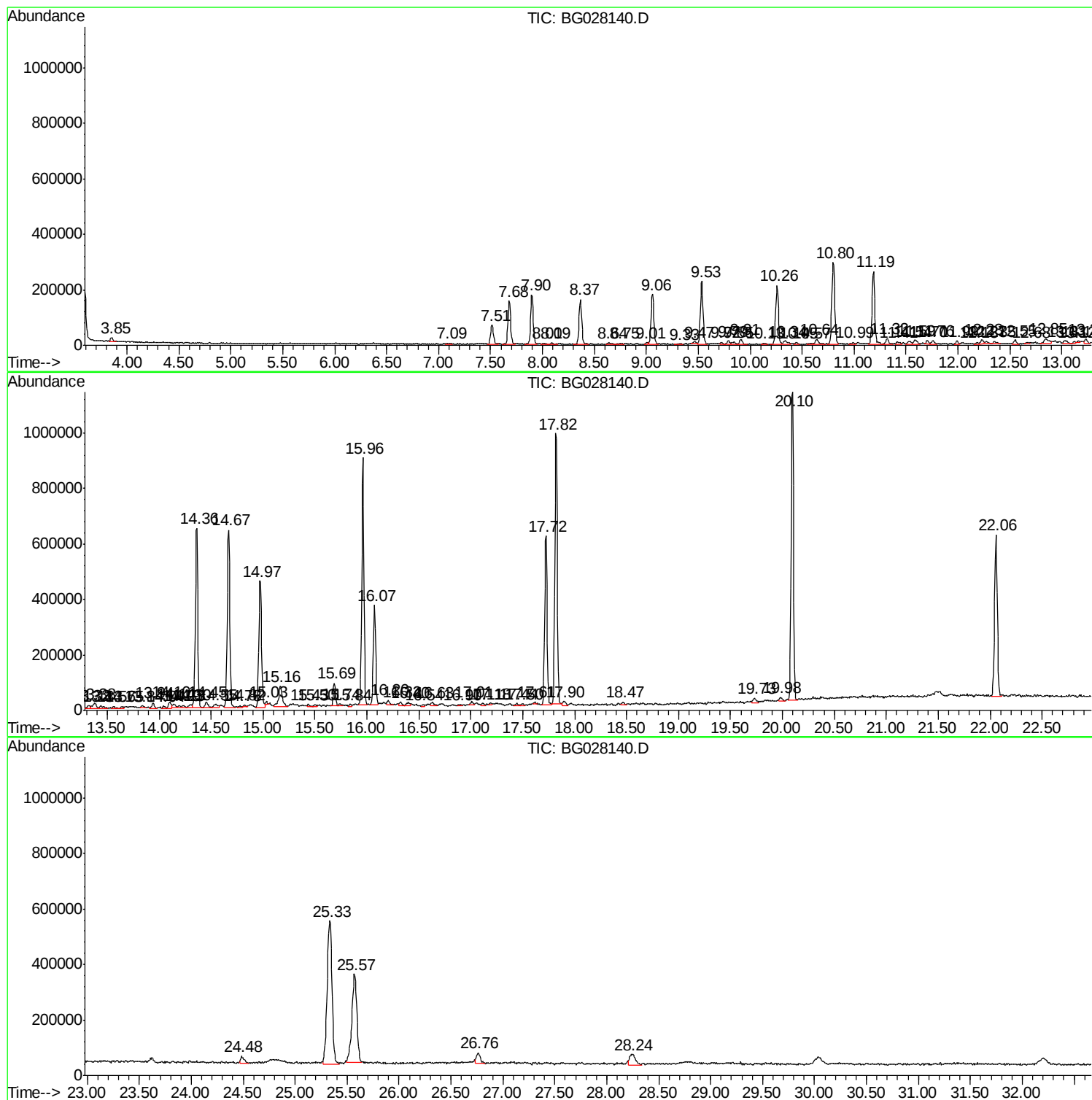
Sum of corrected areas: 18257750

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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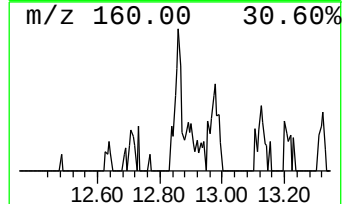
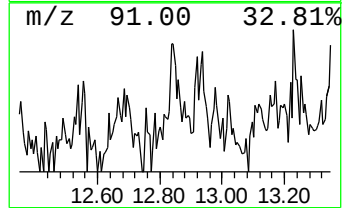
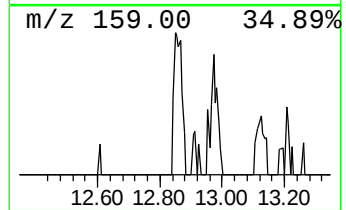
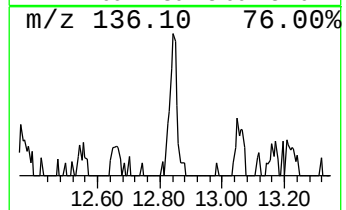
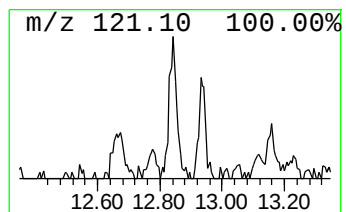
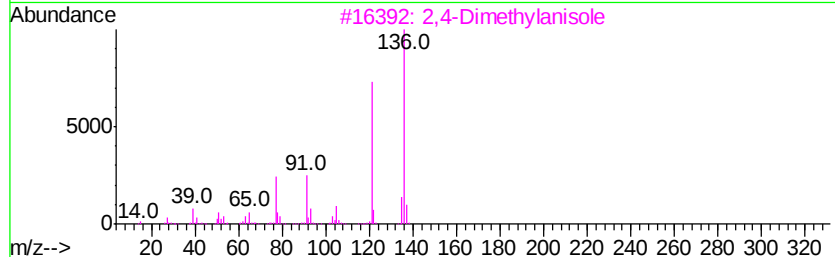
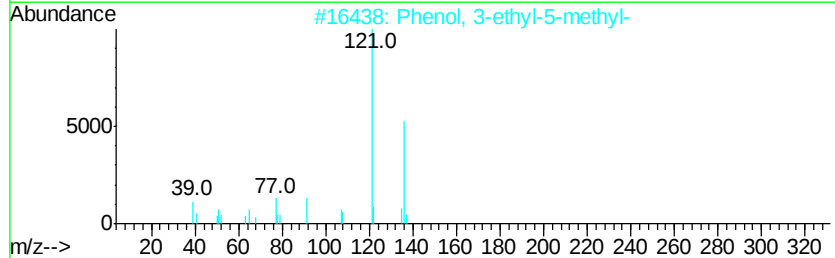
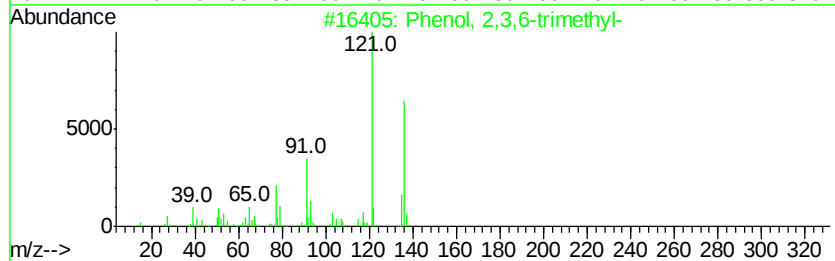
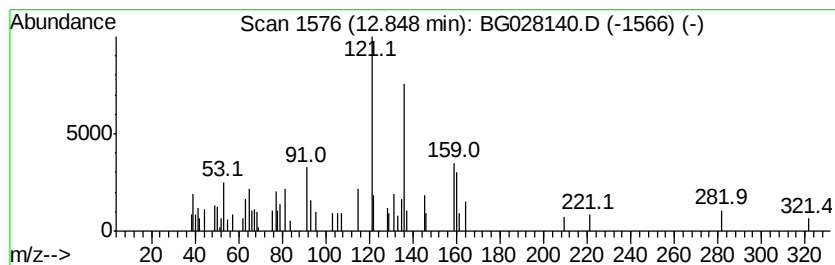
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenol, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	2.27 ng/ul	57988	Napthalene-d8	11.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 2,3,6-trimethyl-	136 C9H12O	002416-94-6	60
2	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	60
3	2,4-Dimethylanisole	136 C9H12O	006738-23-4	53
4	2,4-Dimethylanisole	136 C9H12O	006738-23-4	53
5	Phenol, 3-ethyl-5-methyl-	136 C9H12O	000698-71-5	49



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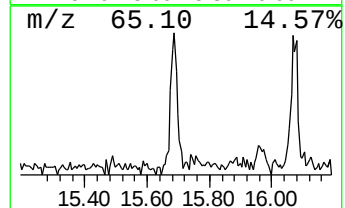
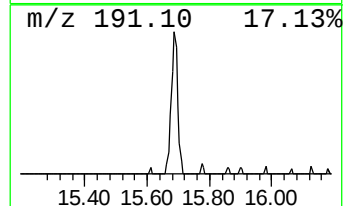
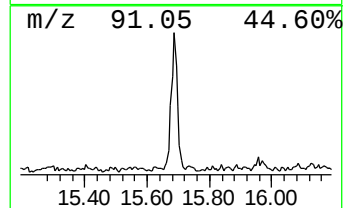
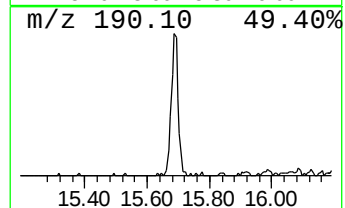
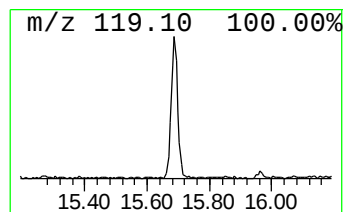
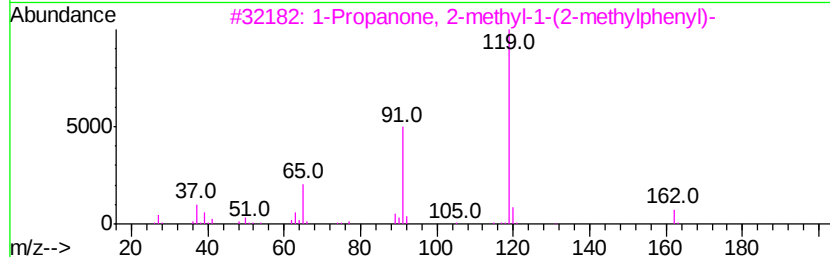
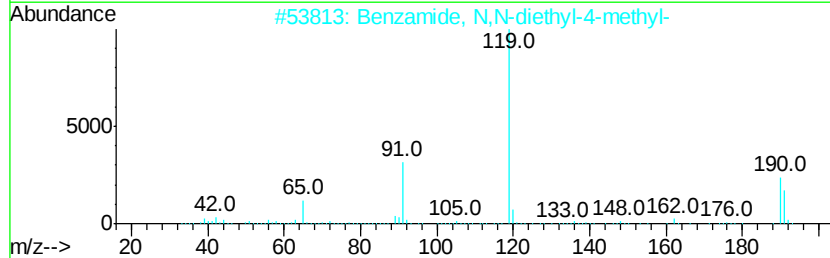
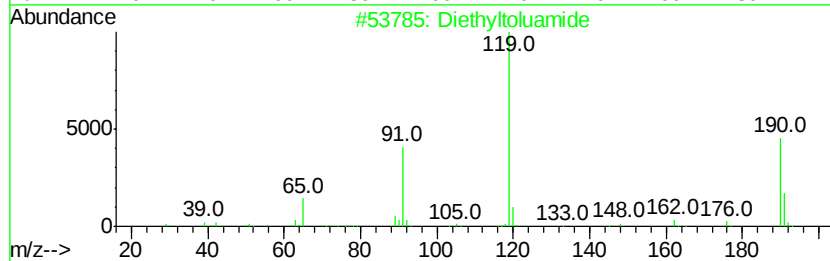
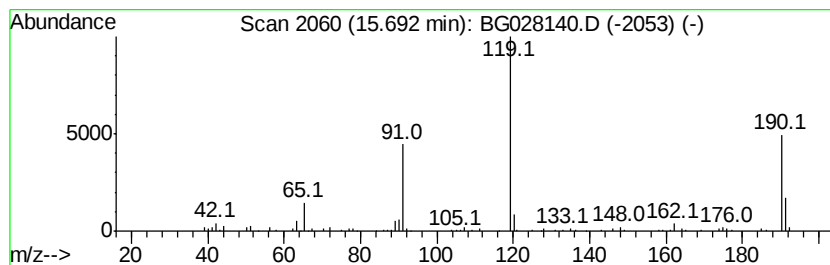
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	2.83 ng/ul	116170	Acenaphthene-d10	14.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethyltoluamide	191	C12H17NO	000134-62-3	91
2		Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3		1-Propanone, 2-methyl-1-(2-methyl-...	162	C11H14O	002040-21-3	58
4		p-Toluic acid, 2-bromo-4-fluorop...	308	C14H10BrFO2	1000292-64-4	53
5		4-Oxo-4-(para-tolyl)-butyric acid	192	C11H12O3	004619-20-9	50



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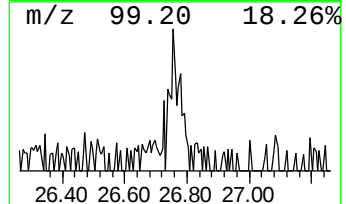
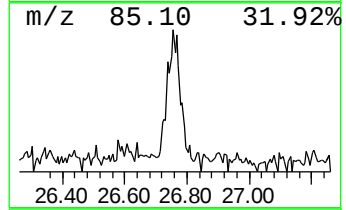
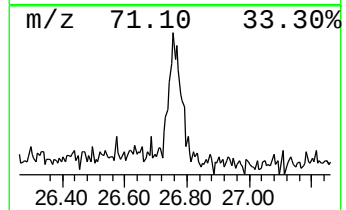
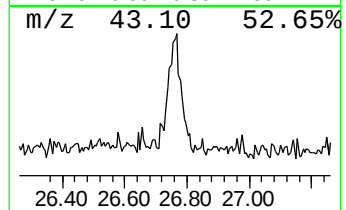
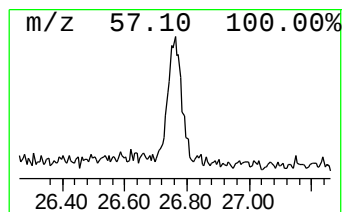
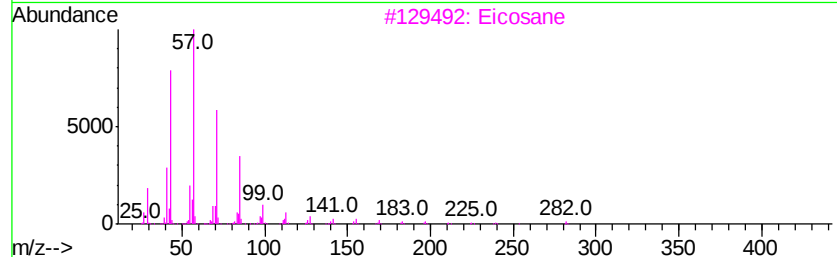
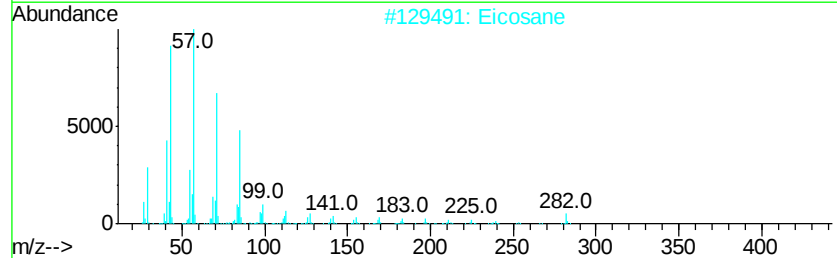
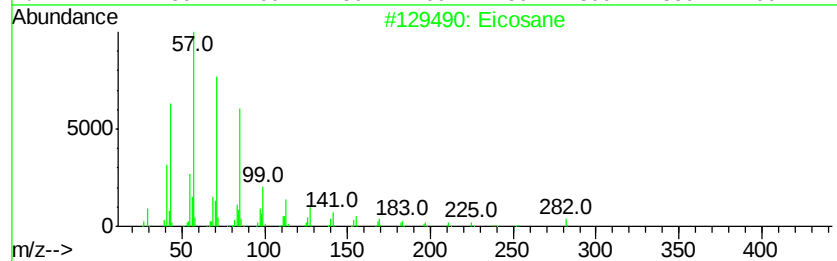
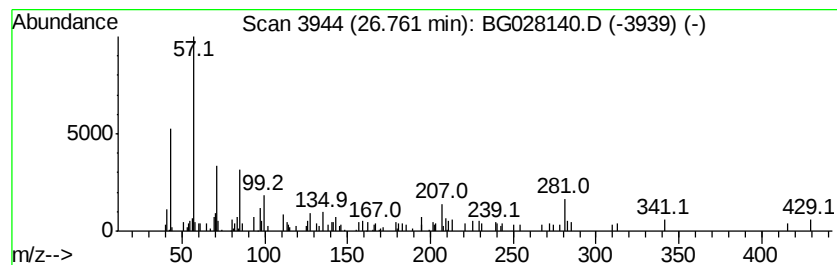
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.76	2.02 ng/ul	106214	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Eicosane	282	C20H42	000112-95-8	83
3		Eicosane	282	C20H42	000112-95-8	83
4		Docosane	310	C22H46	000629-97-0	70
5		Octadecane, 2,6,10,14-tetramethyl-	310	C22H46	054964-82-8	58



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080217\
Data File : BG028140.D
Acq On : 3 Aug 2017 14:10
Operator : SJ/JU
Sample : I4529-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB1

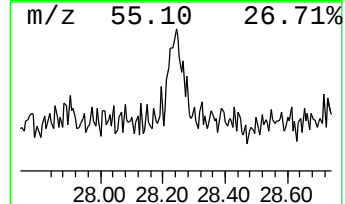
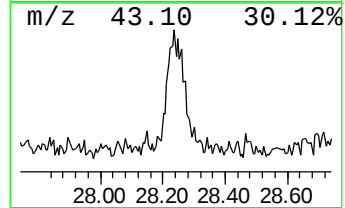
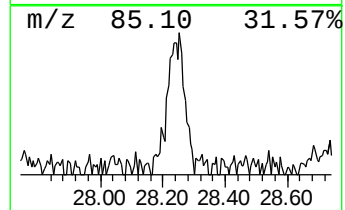
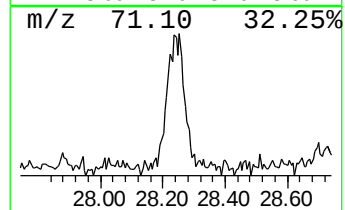
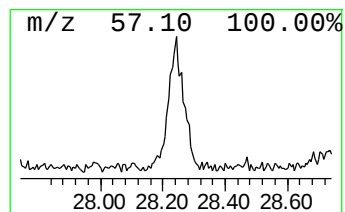
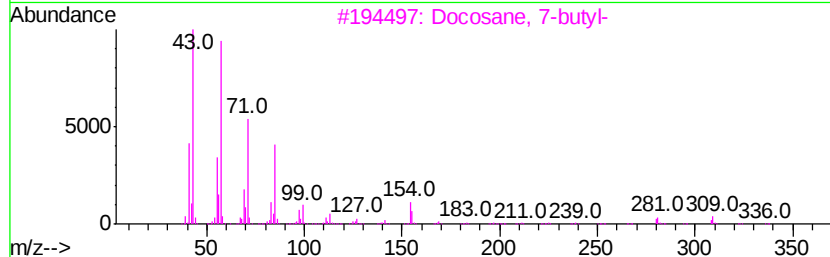
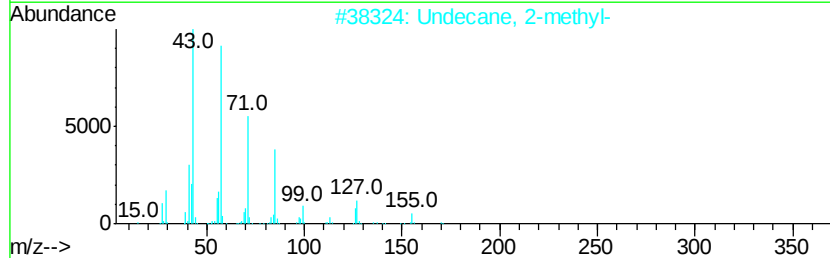
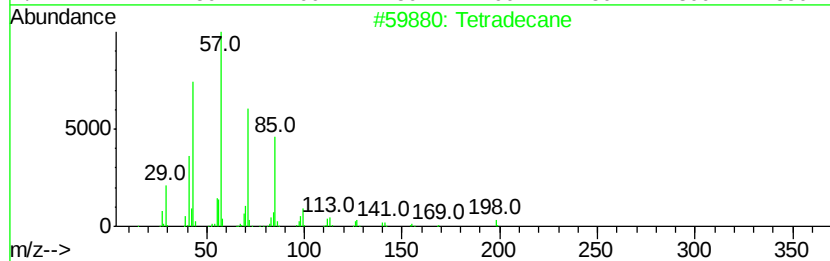
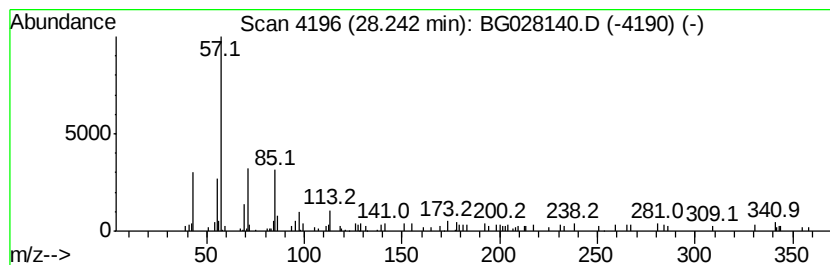
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.24	2.80 ng/ul	147089	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	70
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	53
3			Docosane, 7-butyl-	366	C26H54	055282-15-0	53
4			3,3-Diethylheptadecane	296	C21H44	1000360-41-6	53
5			Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	53



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028140.D
Acq On : 3 Aug 2017 14:10
Operator : SJ/JU
Sample : I4529-14
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AB1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenol, 2,3,6-tri...	12.85	2.3	ng/ul	57988	2	11.19	511169	20.0
Diethyltoluamide	15.69	2.8	ng/ul	116170	3	14.97	821751	20.0
(DEL) Alkane: Str...	26.76	2.0	ng/ul	106214	6	25.57	1050580	20.0
(DEL) Alkane: Str...	28.24	2.8	ng/ul	147089	6	25.57	1050580	20.0